

AMENDMENTS TO THE SPECIFICATION

IN THE ABSTRACT

Please replace the Abstract with the attached new Abstract of the Disclosure.

IN THE SPECIFICATION:

Please amend the paragraph beginning on page 2, line 7, as follows:

--The diameter of said upper support umbrella rod is less than said lower support umbrella rod□said upper umbrella rod is located within the low portion of said retractable device, said hand cranking retractable device is equipped within lower portion of said lower support umbrella rod□said hand cranking retractable device is a worm with a handle, which connects with an active worm gear and a driven worm gear separately on both sides, said active worm gear and driven worm gear separately connects to entwined wire first to rope rotating wheel A—and second B—through axletree, one end of said first wire rope A—is wired to first rotating wheel A, the other end is securely mounted to lower umbrella tray, one end of said second wire rope B—is wired to second rotating wheel—B, the other end of said second wire rope B—is securely mounted to upper support umbrella rods.---

Please amend the paragraph beginning on page 4, line 6, as follows:

--Referring to FIGS. 1 to 6, the retractable umbrella of the present invention comprises ( 1 ) second wire rope, ( 2 ) first rotating wheel—A, ( 3 ) active worm gear, ( 4 ) worm, ( 5 ) axletree, ( 6 ) driven worm gear, ( 7 ) capping, ( 8 ) second

rotating wheel—B, ( 9 ) shell, ( 10 ) first wire rope—A, ( 11 ) upper support rod assistant slide device, ( 12 ) wire-rope sheaves, ( 13 ) lower support umbrella rod, ( 14 ) upper support umbrella rod , ( 15 ) protective hood, ( 16 ) wire rope feed back pulley, ( 17 ) set bolt, ( 18 ) lower support rod assistant slide device, ( 19 ) wire rope fixed bolt, ( 20 ) lower umbrella tray and ( 21 ) handle.--

Please amend the paragraph beginning on page 5, line 1, as follows:

--Said hand cranking retractable device equipped with shell ( 9 ) and capping ( 7 ) locates within lower portion of the lower support umbrella rod (13 ), the said device is equipped with a worm ( 4 ) with a handle ( 21 ), the said worm ( 4 ) is separately connected an active worm gear ( 3 ) and a driven worm gear ( 6 ) on both sides, composing a structure of single worm driving two worm gears which are rotating in reverse directions. Said active worm gear ( 4—3 ) and driven worm gear ( 6 ) separately through axletree ( 5 ) connect to first rotating wheel ( A2 ) and second rotating wheel ~~B8~~ of entwining second wire rope ( A1 ) and first wire rope ( B10 ), one end of second wire rope ( A1 ) is connected to first rotating wheel ( A2 ~~+~~—). The other end is securely mounted to the lower tray ( 20 ) of the bins, one end of first wire rope ( B10 ) is connected to second rotating wheel ( ~~B8~~ ~~+~~—). The other end of

first wire rope (B10) is fixed on upper support umbrella rod ( 14 ) by bolt ( 19 ). The rotating speed of active worm gear ( 4 ) is twice of the driven worm gear. The length of entwined first wire rope ( B10 ) on the second rotating wheel ( B8 ) is half of the travel length of second wire rope ( A1 ) in the closure condition of umbrella.--

Please amend the paragraph beginning on page 5, line 17, as follows:

--When users want to use the umbrella, if need to open umbrella, clockwise cranking handle ( 21 ) connected with worm ( 4 ), drive active worm gear ( 3 ) and driven worm gear ( 6 ) rotates in reverse direction, resulting the connected first rotating wheel ( A2 ) and second rotating wheel ( B8 ) to rotate in reverse directions synchronistically, at this point second wire rope ( A1 ) set on the umbrella tray ( 20 ) starts to entwine on the first rotating wheel ( A2 ), at the same time first wire rope ( B10 ) originally entwined on the second rotating wheel ( B8 ) starts to release, at this movement through wire rope sheaves ( 12 ) and wire rope feed back pulley ( 16 ), second wire rope ( A1 ) stretches upper support umbrella rod ( 14 ) out of the lower support umbrella rod ( 13 ), up to set bolt ( 17 ), by now upper support umbrella rod ( 14 ) is completely stretched out of the lower support umbrella rod ( 13 ) and the panel is also at full length.--

Please amend the paragraph beginning on page 6, line 1, as follows:

-- If need to close the umbrella, the users are only required to crank the handle ( 21 ) connected to the worm ( 4 ), driving active worm gear ( 3 ) and driven worm gear ( 6 ) to rotates in reverse direction, resulting the connected first rotating wheel ( A2 ) and second rotating wheel ( B8 ) to rotate in reverse directions synchronistically, by this time, first wire rope ( B10 ) on the bolt ( 19 ) which is fixed on the upper support umbrella rod ( 14 ) starts to entwine to the second rotating wheel ( B8 ), at the same time second wire rope ( A1 ) originally entwined on the first rotating wheel ( A2 ) starts gradually to release, the upper support umbrella rod ( 14 ) is retract back into lower support umbrella rod ( 13 ), plane will also close along with it, by now the length of the first wire rope ( B10 ) entwined on the second rotating wheel ( B8 ) is half of the whole travel length of the wire rope A, there is no entwined wire rope on the first rotating wheel ( A2 ), and it returns to its initial position.--